## IN THE CLAIMS:

An apparatus for use in applying coating material to an 1. (Currently Amended) object, said apparatus comprising a spray gun having a handle portion, an extension portion which is connected with said handle portion, a nozzle connected with said extension portion, and a membrane switch manually activated to initiate a control function an electrode disposed adjacent to said nezzle and away from which electrostatically charged coating material flows toward the object, a coating material flow centrol member connected with said handle portion and manually operable to an actuated condition to initiate a flow of coating material from a coating material passage in said extension portion through said nozzle toward the object, and a purge air flow control-member connected with said handle portion and manually operable to initiate a flow of air from the coating material passage in said extension portion through said nozzle to remove coating material from said spray gun.

## 2-71. Canceled.

- 72. (New) The apparatus of claim 1 comprising at least one control member associated with the handle and manually operable to an actuated condition, said membrane switch being activated upon manual actuation of said control member.
- The apparatus of claim 1 wherein said membrane switch is operative to 73. (New) send signals for controlling a coating operation performed by the apparatus.

- The apparatus of claim 1 wherein said membrane switch is formed as a 74. (New) unit installed with said handle portion.
- The apparatus of claim 1 wherein said membrane switch includes at least 75. (New) one switch element disposed between layers of electrically insulating material, said switch element being deflected during actuation of said membrane switch.
- The apparatus of claim 1 wherein said membrane switch includes a first 76. (New) layer of electrically insulating material, a second layer of electrically insulating material and at least one set of switch contacts disposed between the first and second layers of electrically insulating material and actuated by movement of an associated control member.
- The apparatus of claim 76 wherein each pair of switch contacts comprises 77. (New) a first switch element disposed between the first and second layers of electrically insulating material, a second switch element disposed between the first and second layers of electrically insulating material, the first switch element being resiliently deflectable relative to the second switch element from an unactuated condition in which the first switch element is spaced from the second switch element to an actuated condition in which at least a portion of the first switch element engages the second switch element, the first layer of electrically insulating material being deflectable under the influence of force transmitted from the associated control member upon manual movement of the flow control member, the first switch element being resiliently deflected from the unactuated condition to the actuated condition under the influence of force

transmitted from the first layer of electrically insulating material to the first switch element upon

deflection of the first layer of electrically insulating material.

The apparatus of claim 76 wherein the first layer of electrically insulating 78. (New)

material and the second layer of electrically insulating material are sealingly interconnected to

block contaminants from entering between the first and second layers of electrically insulating

material.

The apparatus of claim 78 wherein the first switch element is movable, 79. (New)

under the influence of its own resilience, relative to the second switch element from the actuated

condition in which at least a portion of the first switch element engages the second switch

element to the unactuated condition in which the first switch element is spaced from the second

switch element.

The apparatus of claim 1 wherein said handle portion includes an outer 80. (New)

side surface which faces toward the nozzle, said membrane switch comprising an electrically

insulating material having a first major side surface which is disposed in engagement with the

outer side surface of the handle portion of the spray gun, and a control member movable relative

to the handle portion to effect the application of force against a second major side surface on the

first layer of electrically insulating material.

The apparatus of claim 1 comprising two membrane switches associated 81. (New) with said handle portion of said spray gun.